

ABSTRACT

The present invention provides a high definition multimedia interface (HDMI) connector, comprising an insulating housing, a terminal line separator, a metallic shell, a plurality of puncture terminals, a plastic outer shell and a front cover, wherein said terminal line separator consists of the terminal fixing plate and line binder, said puncture terminal is inserted in the insulated housing, the conduction lines are lined up on the line binder and punctured contact with the puncture terminals, followed by placing in the terminal fixing plate to secure the spacing among the puncture terminals, said metallic shell is consisted of the front and rear shell, wherein the insertion portion and the front metallic shell are further interlocked by use of the latch slot at the rear end of the metallic front shell and the latch lug on the insertion portion of the insulated housing, followed by incorporating the metallic rear shell to form a compact metallic unit, said metallic unit is then placed into the plastic outer shell, and the front cover is attached around the insertion opening of the front metallic shell, whereby the buckle on the front cover interlocks with a notch on the plastic outer shell, and the metallic unit is solidified inside the plastic outer shell, and the assembly of the HDMI plug connector is completed.